

PTO/SB/08a (07-09)

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Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	09/981,320-Conf. #4975
				Filing Date	October 16, 2001
				First Named Inventor	Kenneth H. Abbott
				Art Unit	2173
				Examiner Name	N. Pillai
Sheet	1	of	12	Attorney Docket Number	M1103.70778US00

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/NP/ ↓	A1*	US-7,647,400	01-12-2010	Abbott et al.	
	A2*	US-7,614,001	11-03-2009	Abbott et al.	
	A3*	US-7,571,218	08-04-2009	Tanaka et al.	
	A4*	US-7,561,200	07-14-2009	Garvey, III et al.	
	A5*	US-7,533,082	05-12-2009	Abbott et al.	
	A6*	US-7,533,052	05-12-2009	Tilfors et al.	
	A7*	US-7,512,889	03-31-2009	Newell et al.	
	A8*	US-7,395,221	07-01-2008	Doss et al.	
	A9*	US-7,392,486	06-24-2008	Gyde et al.	
	A10*	US-7,386,477	06-10-2008	Fano	
	A11*	US-7,360,152	04-15-2008	Capps et al.	
	A12*	US-7,349,894	03-25-2008	Barth et al.	
	A13*	US-7,260,453	08-21-2007	Poier et al.	
	A14*	US-7,162,473	01-09-2007	Dumais et al.	
	A15*	US-7,155,456	12-26-2006	Abbott, III et al.	
	A16*	US-7,137,069	11-14-2006	Abbott et al.	
	A17*	US-7,124,125	10-17-2006	Cook et al.	
	A18*	US-7,110,764	09-19-2006	Blair et al.	
	A19*	US-7,107,539	09-12-2006	Abbott et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
/NP/	B1	EP-0759591-A1	02-26-1997	Ibm		
↓	B2	EP-0846440-A2	06-10-1998	Sarcos Inc		
	B3	EP-0924615-A2	06-23-1999	Sun Microsystems Inc		
	B4	WO-0036493-A1	06-22-2000	Tangis Corp et al.		
	B5	WO-9800787-A1	01-08-1998	Datalink Systems Corp		
/NP/						

Examiner Signature	/Namitha Pillai/	Date Considered	09/13/2010
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	A20*	US-7,089,497	08-08-2006	Abbott et al.	
	A21*	US-7,080,322	07-18-2006	Abbott et al.	
	A22*	US-7,076,737	07-11-2006	Abbott et al.	
	A23*	US-7,062,715	06-13-2006	Abbott et al.	
	A24*	US-7,058,893	06-06-2006	Abbott et al.	
	A25*	US-7,055,101	05-30-2006	Abbott et al.	
	A26*	US-7,010,603	03-07-2006	Martin, Jr. et al.	
	A27*	US-7,000,187	02-14-2006	Messinger et al.	
	A28*	US-6,968,333	11-22-2005	Abbott et al.	
	A29*	US-6,834,208	12-21-2004	Gonzales et al.	
	A30*	US-6,834,195	12-21-2004	Brandenberg et al.	
	A31*	US-6,829,639	12-07-2004	Lawson et al.	
	A32*	US-6,795,806	09-21-2004	Lewis et al.	
	A33*	US-6,712,615	03-30-2004	Martin	
	A34*	US-6,704,785	03-09-2004	Koo et al.	
	A35*	US-6,704,722	03-09-2004	Wang Baldonado	
	A36*	US-6,625,135	09-23-2003	Johnson et al.	
	A37*	US-6,553,336	04-22-2003	Johnson et al.	
A38*	US-6,546,425	04-08-2003	Hanson et al.		

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/NP/	A39*	US-6,529,723	03-04-2003	Bentley	
	A40*	US-6,484,200	11-19-2002	Angal et al.	
	A41*	US-6,460,036	10-01-2002	Herz	
	A42*	US-6,446,109	09-03-2002	Gupta	
	A43*	US-6,442,589	08-27-2002	Takahashi et al.	
	A44*	US-6,438,618	08-20-2002	Lortz et al.	
	A45*	US-6,421,700	07-16-2002	Holmes et al.	
	A46*	US-6,401,085	06-04-2002	Gershman et al.	
	A47*	US-6,392,670	05-21-2002	Takeuchi et al.	
	A48*	US-6,385,589	05-07-2002	Trusheim et al.	
	A49*	US-6,356,905	03-12-2002	Gershman et al.	
	A50*	US-6,353,823	03-05-2002	Kumar	
	A51*	US-6,321,279	11-20-2001	Bonola	
	A52*	US-6,321,158	11-20-2001	DeLorme et al.	
	A53*	US-6,317,718	11-13-2001	Fano	
	A54*	US-6,285,889	09-04-2001	Nykanen et al.	
	A55*	US-6,263,268	07-17-2001	Nathanson	
	A56*	US-6,262,720	07-17-2001	Jeffrey et al.	
/NP/	A57*	US-6,199,099	03-06-2001	Gershman et al.	

FOREIGN PATENT DOCUMENTS						
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	A58*	US-6,198,394	03-06-2001	Jacobsen et al.	
/NP/	A59*	US-6,155,960	12-05-2000	Roberts et al.	
	A60*	US-6,131,067	10-10-2000	Girerd et al.	
	A61*	US-6,122,348	09-19-2000	French-St. George et al.	
	A62*	US-6,112,246	08-29-2000	Horbal et al.	
	A63*	US-6,105,063	08-15-2000	Hayes, Jr.	
	A64*	US-6,092,101	07-18-2000	Birrell et al.	
	A65*	US-6,085,086	07-04-2000	La Porta et al.	
	A66*	US-6,047,327	04-04-2000	Tso et al.	
	A67*	US-6,044,415	03-28-2000	Futral et al.	
	A68*	US-6,041,365	03-21-2000	Kleinerman	
	A69*	US-6,003,082	12-14-1999	Gampfer et al.	
	A70*	US-5,999,943	12-07-1999	Nori et al.	
	A71*	US-5,999,932	12-07-1999	Paul	
	A72*	US-5,980,096	11-09-1999	Thalhammer-Reyero	
	A73*	US-5,966,710	10-12-1999	Burrows	
	A74*	US-5,945,988	08-31-1999	Williams et al.	
	A75*	US-5,942,986	08-24-1999	Shabot et al.	
/NP/	A76*	US-5,831,594	11-03-1998	Tognazzini et al.	

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/NP/	A77*	US-5,826,253	10-20-1998	Bredenberg	
	A78*	US-5,796,952	08-18-1998	Davis et al.	
	A79*	US-5,787,279	07-28-1998	Rigoutsos	
	A80*	US-5,787,234	07-28-1998	Molloy	
	A81*	US-5,752,019	05-12-1998	Rigoutsos et al.	
	A82*	US-5,745,110	04-28-1998	Ertemalp	
	A83*	US-5,701,894	12-30-1997	Cherry et al.	
	A84*	US-5,659,746	08-19-1997	Bankert et al.	
	A85*	US-5,592,664	01-07-1997	Starkey	
	A86*	US-5,572,401	11-05-1996	Carroll	
	A87*	US-5,522,026	05-28-1996	Records et al.	
	A88*	US-5,513,646	05-07-1996	Lehrman et al.	
	A89*	US-5,481,667	01-02-1996	Bieniek et al.	
	A90*	US-5,454,074	09-26-1995	Hartel et al.	
	A91*	US-5,398,021	03-14-1995	Moore	
	A92*	US-5,339,395	08-16-1994	Pickett et al.	
	A93*	US-5,267,147	11-30-1993	Harshaw et al.	
	A94*	US-5,237,684	08-17-1993	Record et al.	
	A95*	US-5,133,075	07-21-1992	Risch	

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/NP/	A96*	US-4,991,087	02-05-1991	Burkowski et al.	
	A97*	US-4,970,683	11-13-1990	Harshaw et al.	
	A98*	US-4,815,030	03-21-1989	Cross et al.	
	A99*	US-2009-0228552	09-10-2009	Abbott et al.	
	A100*	US-2009-0150535	06-11-2009	Abbott et al.	
	A101*	US-2009-0094524	04-09-2009	Abbott et al.	
	A102*	US-2009-0055752	02-26-2009	Abbott et al.	
	A103*	US-2009-0013052	01-08-2009	Robarts et al.	
	A104*	US-2008-0313271	12-18-2008	Abbott et al.	
	A105*	US-2008-0147775	06-19-2008	Abbott et al.	
	A106*	US-2007-0266318	11-15-2007	Abbott et al.	
	A107*	US-2007-0168502	07-19-2007	Abbott et al.	
	A108*	US-2007-0130524	06-07-2007	Abbott et al.	
	A109*	US-2007-0089067	04-19-2007	Abbott et al.	
	A110*	US-2007-0043459	02-22-2007	Abbott et al.	
/NP/	A111*	US-2007-0022384	01-25-2007	Abbott et al.	
	A112*	US-2006-0136393	06-22-2006	Abbott et al.	
	A113*	US-2006-0004680	01-05-2006	Robarts et al.	
	A114*	US-2005-0086243	04-21-2005	Abbott et al.	

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/NP/	A115*	US-2005-0066282	03-24-2005	Abbott et al.	
	A116*	US-2005-0034078	02-10-2005	Abbott et al.	
	A117*	US-2003-0229900	12-11-2003	Reisman	
	A118*	US-2003-0046401	03-06-2003	Abbott et al.	
	A119*	US-2002-0191034	12-19-2002	Sowizral et al.	
	A120*	US-2002-0099817	07-25-2002	Abbott et al.	
	A121*	US-2002-0087525	07-04-2002	Abbott et al.	
	A122*	US-2002-0083158	06-27-2002	Abbott et al.	
	A123*	US-2002-0080156	06-27-2002	Abbott et al.	
	A124*	US-2002-0080155	06-27-2002	Abbott et al.	
	A125*	US-2002-0078204	06-20-2002	Newell et al.	
	A126*	US-2002-0054174	05-09-2002	Abbott et al.	
	A127*	US-2002-0054130	05-09-2002	Abbott et al.	
	A128*	US-2002-0052963	05-02-2002	Abbott et al.	
	A129*	US-2002-0052930	05-02-2002	Abbott et al.	
	A130*	US-2002-0044152	04-18-2002	Abbott et al.	
	A131*	US-2001-0043232	11-22-2001	Abbott et al.	
	A132*	US-2001-0043231	11-22-2001	Abbott et al.	
	A133*	US-2001-0040591	11-15-2001	Abbott et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/981,320-Conf. #4975
				Filing Date	October 16, 2001
				First Named Inventor	Kenneth H. Abbott
				Art Unit	2173
				Examiner Name	N. Pillai
Sheet	9	of	12	Attorney Docket Number	M1103.70778US00

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	[No Author Listed] "Workshop on Wearable Computing Systems," August 19-21, 1996.	
	C2	Bates et al., Middleware Support for Mobile Multimedia Applications, ICL System Journal, November 1997, 20 pages.	
	C3	Billinghurst, et al., An Evaluation of Wearable Information Spaces, Proceedings of the Virtual Reality Annual International Symposium, 1998, 8 pages.	
	C4	Billinghurst. Research Directions in Wearable Computing, University of Washington, May, 1998, 48 pages.	
	C5	Chen, et al., A Survey of Context-Aware Mobile Computing Research, Dartmouth Computer Science Technical Report, 2000, 16 pages.	
	C6	Cochran, "The Development of Wearable Clothing," Dr. Dobb's, online edition, pp. 1-2.	
	C7	Cugola et al., Exploiting an Event-Based Infrastructure to Develop Complex Distributed Systems, 20th International Conference on Software Engineering (ICSE'98) April 1998, p. 261-70, 10 pages.	
	C8	Dechamboux et al., Using a Distributed Shared Memory for Implementing Efficient Information Mediators, Proceedings of the International Conference and Exhibition on High-Performance Computing and Networking, April 1996, 5 pages.	
	C9	Dey et al., CyberDesk: A Framework for Providing Self-Integrating Context-Aware Services, Knowledge-Based Systems, 11:3-13, 1998, 10 pages.	
	/NP/	C10	European Office Action dated February 13, 2009 for EP Application No 01964695.9, 4 pages.

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/NP/	C11	Goharian et al., Enterprise Text Processing: A Sparse Matrix Approach, 2001, IEEE, pp. 71-75.	
	C12	Horvitz et al., "Attention-Sensitive Alerting in Computing Systems, Microsoft Research, August 1999.	
	C13	Horvitz et al., "In Pursuit of Effective Handsfree Decision Support: Coupling Bayesian Interference, Speech Understanding, and Understanding, and User Models, 1995, 8 pages.	
	C14	International Search Report dated September 29, 2003 for PCT Application Serial No. 00/20685, 3 pages.	
	C15	International Search Report for PCT Application No. PCT/US01/10394, Mailed 6/13/02, 5 pages.	
	C16	International Search Report, Application No. PCT/US01/10599, November 28, 2002.	
	C17	International Search Report, PCT/US01/10538, August 14, 2002, 2 pages.	
	C18	Joachims, T., Text categorization with support vector machines: learning with many relevant features, Machine Learning, European Conference on Machine Learning, April 21, 1998 pp.137-142.	
	C19	Losee, Jr., Minimizing Information Overload: the ranking of electronic messages, Journal of Information Science 15, Elsevier Science Publishers B.V. 1989, pp. 179-189.	
/NP/	C20	OA dated January 2, 2009 for US Application Serial No. 11/559,854, 23 pages.	

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/NP/	C21	Ockerbloom, Mediating Among Diverse Data Formats: Thesis Summary, PhD Thesis, Technical Report CMU-CS-98-102, Department of Computer Sciences, Carnegie Mellon University, Pittsburgh, PA, January 14, 1998, 15 pages.	
	C22	Pascoe, Adding Generic Contextual Capabilities to Wearable Computers, Proceedings of the 2nd International Symposium on Wearable Computers (ISWC '98), Pittsburgh, PA, October 19-20, 1998, 8 pages.	
	C23	Rhodes, Remembrance Agent: A continuously running automated information retrieval system, The Proceedings of The First International Conference on The Practical Application of Intelligent Agents and Multi Agent Technology, 1996, pp. 487-495.	
	C24	Rhodes, The Wearable Remembrance Agent: A System for Augmented Memory. Personal Technologies Journal Special Issue on Wearable Computing, 1997, 12 pages.	
	C25	Salber et al., The Design and Use of a Generic Context Server. Technical Report GIT-GVU-98-32. Gvu Center, College of Computing, Georgia Institute of Technology. 1998. Available at ftp://ftp.cc.gatech.edu/pub/gvu/tr/1998/98-32.pdf . Last accessed 03/12/2010.	
	C26	Sawhney, Contextual awareness, messaging and communication in nomadic audio environments, Massachusetts Institute of Technology, June 1998 pp. 80-105, 25 pages.	
	C27	Schilit et al, "Disseminating Active Map Information to Mobile Hosts, IEEE Network, 1994, pages 22-32, vol. 8-No. 5.	
	C28	Schilit et al., Context-Aware Computing Applications, In Proceedings of the Workshop on Mobile Computing Systems and Applications, December 1994, pp. 85-90.	
/NP/	C29	Schilit et al., Customizing Mobile Applications, Proceedings USENIX Symposium on Mobile and Location Independent Computing, August 1993, 9 pages.	
	C30	Schilit, et al. The ParcTab Mobile Computer System, IEEE WWOS-IV, 1993, 4 pages.	

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/NP/	C31	Schilt, A System Architecture for Context-Aware Mobile Computer, Columbia University, 1995, 153 pages.	
	C32	Spreitzer et al., Architectural Considerations for Scalable, Secure, Mobile Computing with Location Information, In The 14th International Conference on Distributed Computing Systems, June 1994, pages 29-38.	
	C33	Spreitzer et al., Scalable, Secure, Mobile Computing with Location Information Communications of the ACM, July 1993, 1 page, Vol. 36- No. 7.	
	C34	Starner, Wearable Computing and Contextual Awareness, Massachusetts Institute of Technology, June 1999, 248 pages.	
	C35	Starovic, An Event Based Object Model for Distributed Programming, Technical Report TCD-CS-95-28, Dept. of Computer Science, Trinity College Dublin, Ireland, 1995, retrieved from http://citeseer.ist.psu.edu/starovic95event.html , 15 pages.	
	C36	Theimer et al., Operating System Issue for PDAs, In Four Workshop on Workstation Operating Systems, 1993, 7 pages.	
	C37	Want, Active Badges and Personal Interactive Computing Objects, IEEE Transactions on Consumer Electronics, 1992, 11 pages, Vol. 38- No. 1.	
	C38	Want, et al., The Active Badge Location System, ACM Transactions on Information Systems, January 1992, pp. 91-102, Vol. 10-No. 1.	
	C39	Weiser, Some Computer Science Issues in Ubiquitous Computing, Communications of the ACM, July 1993, pp. 75-84, Vol. 36-No.7.	
/NP/	C40	Weiser, The Computer for the 21st Century, Scientific American, September 1991, 8 pages.	

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